5

10

10/84785

ABSTRACT OF THE DISCLOSURE

A method of aligning a fiber collimator in a short time. Light emitted from a collimator is reflected by a mirror. Reflected light passes through the collimator, and is measured by a light intensity measuring device. Rotating bodies rotatably support the mirror about an X-axis and a Y-axis orthogonal to the optical axis. An aligner simultaneously drives the rotating bodies to scan an optimal angle for the mirror. With the mirror fixed at the optimal angle, the distance between a collimation lens of the collimator and the optical fiber is changed. Subsequently, the optimal angle of the mirror is again scanned.

CERTIFICATE UNDER 37 CFR 110: The undersigned hereby certifies that this paper or papers, as described hereinabove, are being deposited in the United States Postal Service Express Mail Post Office to Addressee having an Express Mail Mailing label number of:

in an envelope addressed to:
Assistant Commissioner for Patents
Washington, DC 20231

on this 25th day of February 20 02 Crompton, Seager & Tufte, LLC

By: Katheur & Borkley